

LAYOUT 8/15/11 INSP 4 _____
INSP 2 8/16/11 INSP 5 _____
INSP 3 8/17/11 INSP 6 _____

ISSUE DATE: 7-25-11
APPROVAL DATE: 8/18/2011

PERMIT

P 535912
A _____

Tax ID # 04-369858
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Egles Septic Clean Inc. IS PERMITTED TO INSTALL ALTER
ADDRESS: 580 Obrecht Rd Sykesville, MD 21784 PHONE NUMBER: 410-795-5070
SUBDIVISION: Hopkins Choice LOT NUMBER: 14
ADDRESS: 14079 Patterson Farm Court PROPERTY OWNER: Toll MD II LP

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED
PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED
NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8
SQUARE FOOTAGE OF HOUSE: ±3500
LINEAR FEET OF TRENCH REQUIRED: 155' / 180'

Inlet 4.5
Bottom 6' 42', 60' + 78'

TRENCHES:	Trenches to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade with 2.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 155' of trench on contour per layout inspection. Distribution box should be installed at the highest point of the easement in the center. Near the Northwest side of the property.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Dana Bernard DATE: 4/07/11

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

NOT TO SCALE

See As-Built Drawing
On Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'-4.5'	6'
NUMBER OF TRENCHES 3		
TOTAL LENGTH 182'		
ABSORPTION AREA 546 + Sidewall		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	7/8/2011

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

8/15/2011 House connection moved. Will have to go under driveway. Sleeve pipe under driveway and cover pipe with all stone so settling doesn't occur. Install 3 trenches on contour across the top of the easement. End the trenches before the driveway. Keep observation ports back from ends of trenches. (BB)

INSTALLATION: 8/16/2011 Need house connection. Tank set, Box set, Top trench done. (BB) 8/17/2011 System finished except for house connection. (BB)

8/18/2011 House connection made. (BB)

FINAL INSPECTOR

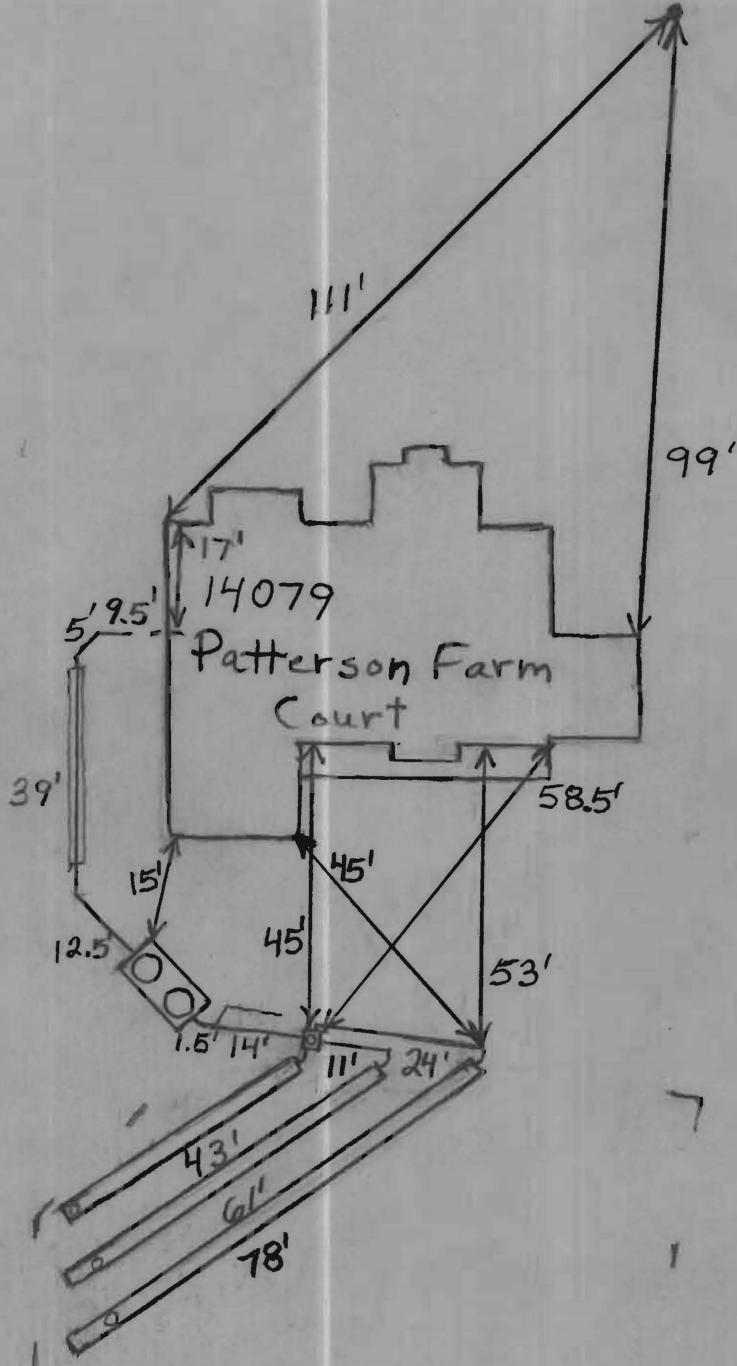
B. Baker

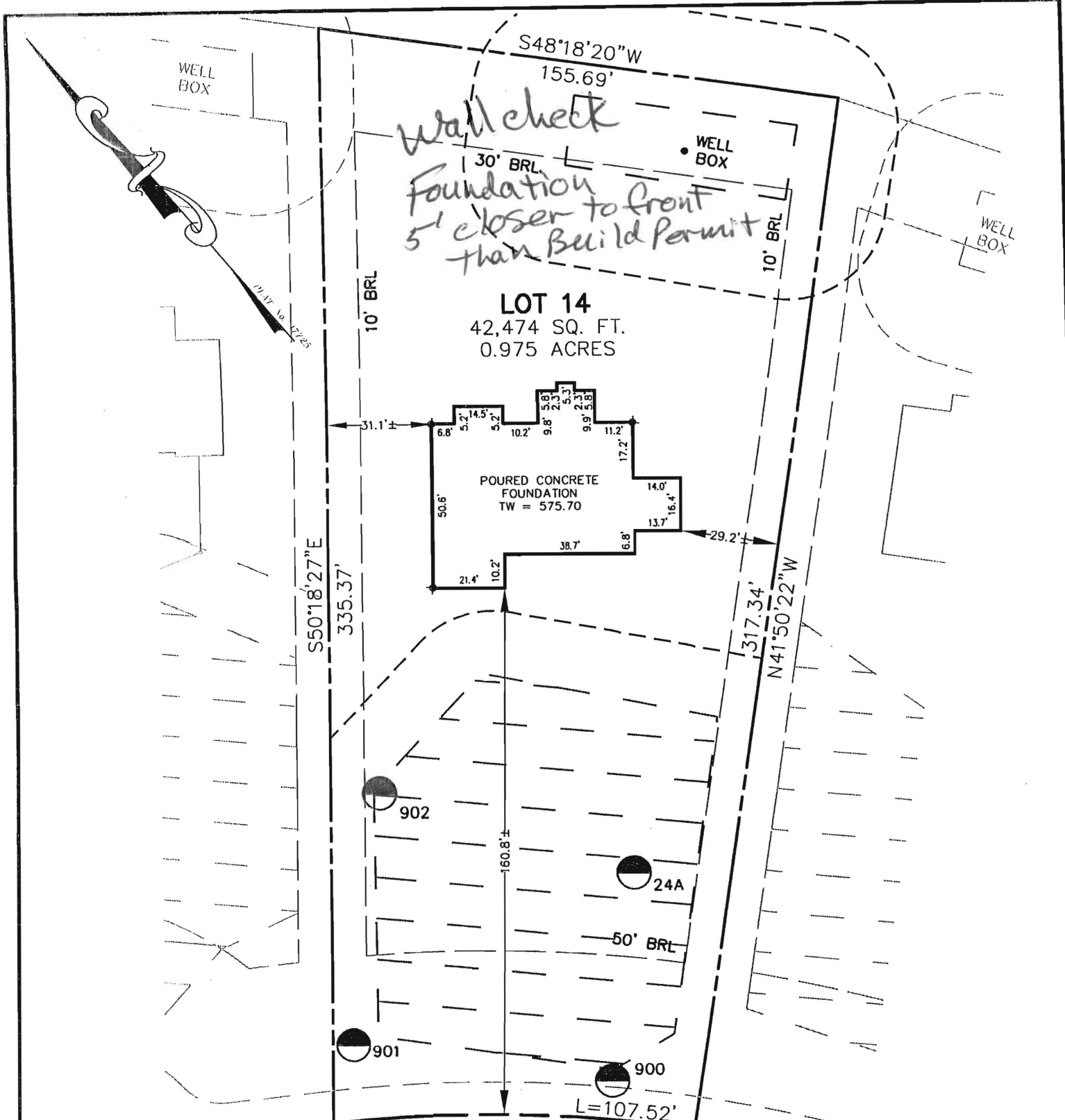
DATE OF APPROVAL

8/18/2011

30

HO-94-4083





LOT 14
 42,474 SQ. FT.
 0.975 ACRES

POURED CONCRETE
 FOUNDATION
 TW = 575.70

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR HOPKINS CHOICE, PLAT No 17903. REFER TO THIS PLAT FOR ANY RESTRICTIONS AND/OR PROVISIONS.

PATTERSON FARM COURT
 (40' R.O.W.)

WELL No. HO-94-4083

ADDRESS: 14079 PATTERSON FARM COURT
 GLENELG, MD 21737

SURVEYOR'S CERTIFICATE

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHT-OF-WAYS, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

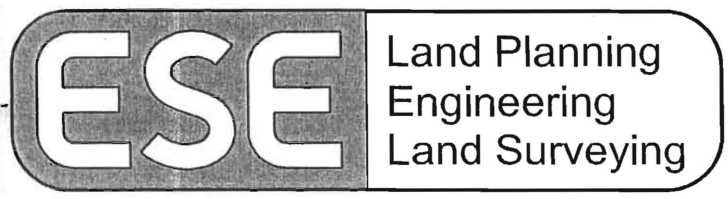
THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

Michael Joe Boyce 21328 5/23/11
 SIGNATURE: MICHAEL JOE BOYCE MD. LIC NO. DATE

WALL CHECK
 LOT #14
HOPKINS CHOICE
 LIBER 12186, FOLIO 256
 PLAT No. 17725
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

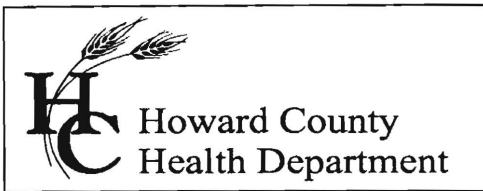


LICENSE VALID UNTIL 1/8/13



ESE Consultants Inc.
 7164 Columbia Gateway Dr.
 Suite 203
 Columbia, MD 21046
 TEL: 410-872-9105
 FAX: 410-872-4870

DATE: 5/23/11 SCALE: 1"=40' FILE: Lot 14 Wallcheck
 CHK'D: MJB JOB#: 2975 DRAWN: CRC



7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

MEMORANDUM

TO: Interested Parties

FROM: Sara Sappington, R.S.
Well and Septic Program
Bureau of Environmental Health

RE: Hopkins Choice

DATE: August 28, 2009

The Health Department recognizes the limitations a number of current lot layouts have with respect to their individual sewage disposal areas and driveway locations in the Hopkins Choice subdivision. For lots where the individual sewage disposal area is impacted by a potential driveway, we offer the following response:

1. Septic system trenches must be installed prior to the final driveway installation and paving.
2. If the initial and replacement septic systems must be located under the driveway to adequately support the proposed structure, the 2nd replacement system must also be installed.
3. If the initial and replacement septic systems adequately fit in the established area without being impacted by the driveway, the 2nd replacement system does not need to be installed.
4. Any changes to the currently approved sewage disposal areas or well areas will be subject to current setback regulations.

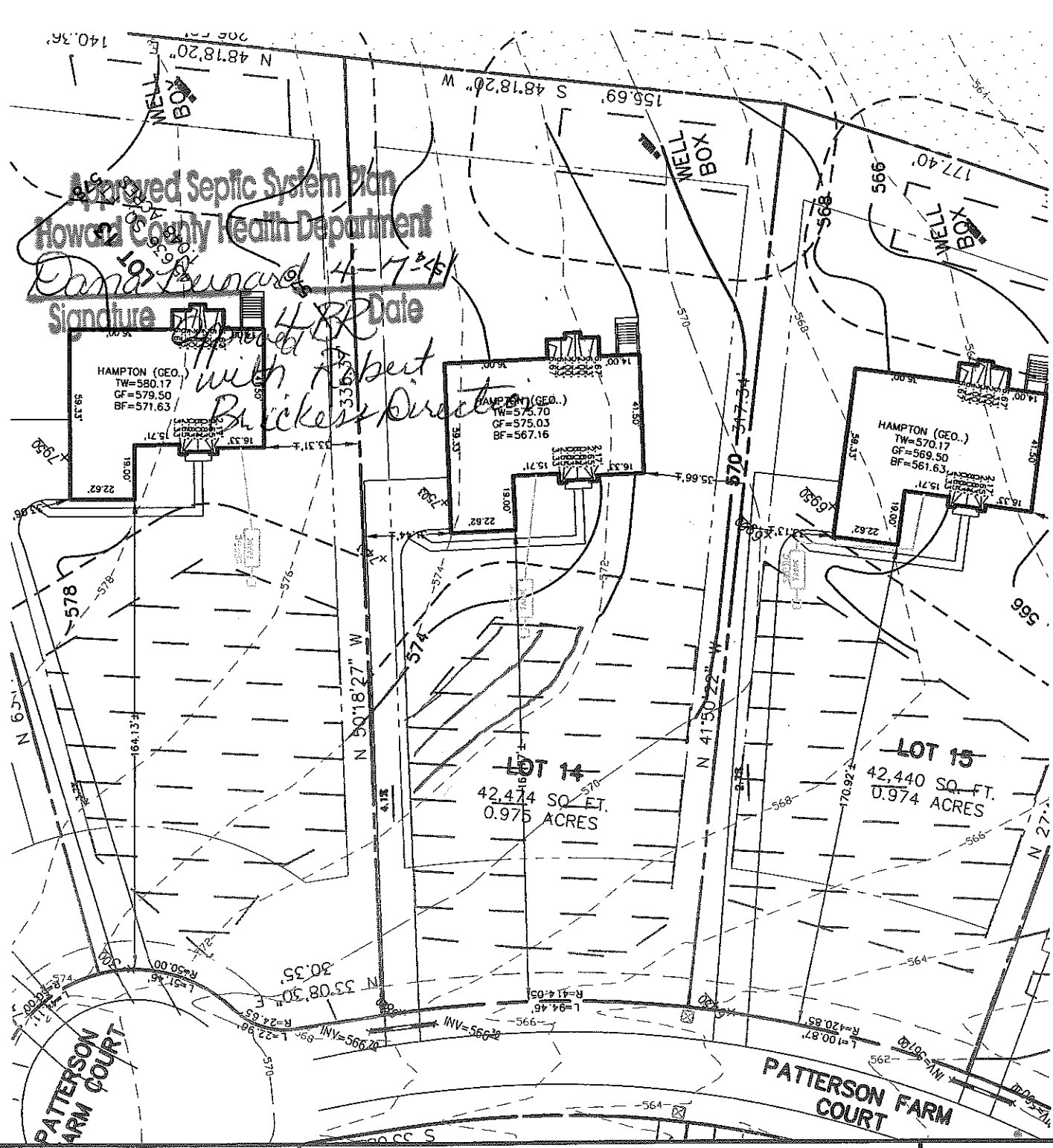
Individual lot owners or builders of the properties in Hopkins Choice impacted by these limitations will be required to sign this document acknowledging the above information is understood prior to building permit approval.

Owner

Date

Health Department Representative

Date



ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR HOPKINS CHOICE- PHASE I, PLAT No. 17725. REFER TO THIS PLAT FOR ANY RESTRICTIONS AND/OR PROVISIONS. EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN TOPOGRAPHIC SURVEY WITH 2 - FOOT CONTOUR INTERVALS PREPARED BY ESE CONSULTANTS, PERFORMED ON OCTOBER 14, 2009.

THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-94-4083) HAS BEEN FIELD LOCATED BY ESE CONSULTANTS, INC.- PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.

E & S CONTROLS PER PLAN GP 10-74
 DRIVEWAY CULVERT PER F-05-29 PLAN
 SWM FOR THIS LOT IS ADDRESSED BY THE APPROVED PLAN F-05-29.

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

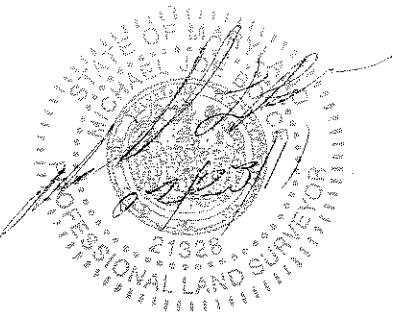
INV. @ HOUSE	571.0
GROUND @ INV. @ HOUSE	575.0
INV. IN TANK	570.3
INV. OUT TANK	570.0
TOP OF TANK	571.0
GROUND OVER TANK	574.0
INV. IN DIST. BOX	569.3
INV. OUT DIST. BOX	569.0
GROUND @ BOX	573.0

BASEMENT NOT SERVICED VIA GRAVITY SEWER.

ADDRESS: 14079 PATTERSON FARM CT
 GLENELG, MD 21737

APPROVED:
 FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____



TYPE: HAMPTON (WILLIAMSBURG)-
 ADD'L 1' TO HEIGHT OF BASEMENT
 OPTION No. 070

PERMIT PLOT PLAN
 LOT #14
HOPKINS CHOICE
 LIBER 12186, FOLIO 256
 PLAT No. 17725
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

ESE Land Planning
 Engineering
 Land Surveying

ESE Consultants Inc.
 7164 Columbia Gateway Dr.
 Suite 203
 Columbia, MD 21046
 TEL: 410-872-9105
 FAX: 410-872-4870

DATE: 02/22/11 SCALE: 1"= 50' FILE: 2975 PHANTOM PP 12-2010
 CHK'D: MJB JOB#: 2975 DRAWN: MJB